

Application No.: 09/933,956

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listing, of claims in the application:

Claim 1 (currently amended): A method for providing audio access to information through a communication device, the method comprising:

associating tags with portions of audio content, each tag including relevancy information including one or more of a location, a context, and a device for a portion of audio content;

receiving a request for information;

obtaining information about the request;

obtaining the requested information, ~~the information comprising prompt mapping information and prompt content;~~ and

rendering, for the communication device, the information and one or more of the portions of audio content selected based on the information obtained about the request and at least some of the relevancy information in the tags.

~~executing the obtained information, wherein executing includes interpreting at least a portion of the prompt content using at least a portion of the prompt mapping information.~~

Claim 2 (previously presented): The method of claim 1 further comprising generating an intermediary form of the information and caching the intermediary form of the information.

Claim 3 (currently amended): The method of claim 1 further comprising dynamically rendering text in the requested information based on a current context of a browser session during which the request for the information was received, ~~wherein the communication device is one of a standard telephone, a cellular telephone, and a personal digital assistant.~~

Claim 4 (previously presented) The method of claim 1 wherein the prompt content includes at least one text portion, and the prompt mapping information includes a respective prompt

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class associated with each of the at least one text portion, and interpreting includes using respective prompt classes to determine which prompt of a plurality of prompts maps to each of the at least one text portion.

Claim 5 (Currently amended): The method of claim 1 further ~~comprising the step of:~~
selecting an advertisement from one or more of the portions of audio content based at least in part on a current geographic location of the communications device, and geographic relevance information in the tags.

~~parsing the information subsequent to obtaining the information.~~

Claim 6 (cancelled)

Claim 7 (previously presented): The method of claim 2 wherein generating includes encoding an XML tag in the intermediary form, and encoding a tag state in the intermediary form.

Claim 8 (previously presented): The method of claim 2 wherein generating includes generating an array representing the information.

Claim 9 (cancelled)

Claim 10 (currently amended): The method of claim 1 further including the step of:
determining whether the information is stored in a cache; and wherein the step of obtaining obtains the information from the cache.

Claim 11 (currently amended): The method of claim 10 wherein information stored in the cache is stored in an intermediary form.

Claim 12 (original): The method of claim 1 further including the steps of:
parsing the information subsequent to the step of obtaining; and,
generating an intermediary form of the parsed information.

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Claim 13 (currently amended): The method of claim 1 wherein ~~the step of executing~~ rendering includes:

converting the information into audio;
and playing the audio.

Claim 14 (currently amended): The method of claim 1 wherein ~~the step of executing~~ rendering includes:

returning an audio prompt.

Claim 15 (withdrawn): A method for maintaining interpreter contexts during a voice browsing session, comprising the steps of:

- (a) creating a first interpreter context for a first document;
 - (b) storing the first interpreter context;
 - (c) receiving a request for a second document;
 - (d) obtaining the second document; and,
- repeating steps (a) - (c).

Claim 16 (withdrawn): The method of claim 15 wherein the first interpreter context includes:

an instruction pointer;
a program pointer;
a universal Resource Identifier; and,
document state information.

Claim 17 (withdrawn): The method of claim 15 further including the steps of:
determining whether an interpreter context exists for the second document.

Claim 18 (withdrawn): A voice browser comprising:
a reentrant interpreter maintaining separate contexts of information;
a parser, parsing the information; and,
a compiled document source object generating a intermediary from of the parsed information.

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Claim 19 (withdrawn): The voice browser of claim 18 including a cache for storing the intermediary form of the information.

Claim 20 (withdrawn): An apparatus for responding to a Request during a voice browsing session comprising:

- a processor;

- a processor readable storage medium in communication with the processor, containing processor readable program code for programming the apparatus to:

 - retrieve a first document responsive to the Request;

 - create an first interpreter context for the first document, wherein the interpreter context includes a first interpreter context pointer value, a first instruction pointer value, a first state value, and a first tag value;

 - set a current interpreter context pointer to the first interpreter context value;

 - set a current instruction pointer to the first instruction pointer value;

 - set a current state to the first state value; and,

 - set a current tage to the first tag value.

Claim 21 (withdrawn): The apparatus of claim 20 further including processor readable program code for programming the apparatus to:

- check the current state value;

- process the first tag value responsive to the value of the current state value.

Claim 22 (withdrawn): The apparatus of claim 20 further including processor readable program code for programming the apparatus to:

- determine a Request for a second document;

- set the current instruction pointer to a second instruction pointer value; and,

- determine whether the second document is in cache;

- retrieve the second document.

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Claim 23 (withdrawn) The apparatus of claim 22 wherein the second document is not located in cache the apparatus further including processor readable program code for programming the apparatus to:

generate an intermediary form of the second document; and,
execute the intermediary form of the second document..

Claim 24 (withdrawn) The apparatus of claim 23 further including processor readable program code for programming the apparatus to:

store the intermediary form of the second document in cache.

Claim 25 (withdrawn) The apparatus of claim 23 wherein execution includes playing audio representing the second document.

Claims 26-29 (cancelled)

Claim 30 (currently amended): The apparatus of claim ~~3326~~ wherein the information identification includes: location information, context information, and device information.

Claim 31 (withdrawn): A system for mapping prompts to prerecorded audio, comprising:

an audio prompt database storing at least one prerecorded audio;
code for generating a file identifying the least one prerecorded audio, wherein the file identifies the prerecorded audio using a unique identification; and,
code for organizing the prerecorded audio file into contexts.

Claim 32 (previously presented): The method of claim 1, wherein the prompt content includes a text string, and the prompt mapping information includes a prompt class associated with the text string, the prompt class being one of a plurality of prompt classes, a plurality of pre-recorded prompts are each classified into at least one of the plurality of prompt classes and wherein executing includes comparing the text to pre-recorded prompt labels classified into the prompt class associated with the text string.

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Claim 33 (new): An apparatus for provision of audio responses to a voice browser during a browsing session, comprising:

an audio prompt database including information for rendering text strings for the voice browser, the audio prompt database including a plurality of utterances that potentially correspond to a first text string to be rendered, each of the plurality of utterances associated with a unique prompt identification;

a prompt mapping configuration containing a plurality of occurrences of the first text string, each of the occurrences associated with a unique prompt class, and one of the prompt identifications of the audio prompt database; and

a prompt audio object for rendering the first text string for the voice browser, the prompt audio object operable to use information obtained in the voice browser session to determine a prompt class in which to match the first text string to a prompt identification of the prompt mapping configuration, and to an utterance to render by matching the determined prompt identification to its associated utterance in the audio prompt database.

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